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U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. This Form includes the Fee Transmittal (See Box 19) *(Submit an original and a duplicate for fee processing)*
2. Applicant claims small entity status. (See 37 CFR 1.27)
3. Specification [Total Pages 65]
4. Drawing(s) (35 USC 113) [Total Sheets 38]
5. Declaration and Power of Attorney [Total Pages 3]
 - a. Newly unexecuted (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional with Box 18 completed)*
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application no.: 10/218,247
Prior application information: Examiner Name: Heinz, A. Group Art Unit: 2653

For **CONTINUATION OR DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. FEE CALCULATIONS:

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) BASIC FEE \$770.00
	TOTAL CLAIMS	6		\$18.00	\$0
	INDEPENDENT CLAIMS	2		\$86.00	\$0
	ANY MULTIPLE DEPENDENT CLAIMS?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	\$290.00	\$290.00
				SUBTOTAL	\$1060.00

- a. In connection with this application, the Commissioner is hereby authorized to credit overpayments or to charge any additional fee required to Deposit Account No. 19-3140. A **duplicate copy of this sheet is enclosed**.
- b. The enclosed credit card payment form to charge the amount of \$1060.00 covers the total claim fee.

20. Customer No. 26263
Dated: April 16, 2004

SIGNATURE: 
David R. Metzger, Reg. No. 32,919

ADDRESS TO: Mail Stop PATENT APPLICATION
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

8. Nucleotide and/or Amino Acid Sequence Submission
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R in duplicate; or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s)) COPY FROM PARENT CASE - 10/218,247
10. Letter under 37 CFR 1.41(c)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
15. Certified copy of _____ Priority Document: Document No. _____, filed on _____.
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

17510 USPTO
10/826127

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Date of Deposit: April 16, 2004

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450

Applicant(s): Furukawa, A. et al.

Attorney Docket No. 09792486-0145

Transmittal (1 page - in duplicate)

Specification, including claims and abstract (65 pages)

Drawings (38 pages - Figs 1-66)

Preliminary Amendment (5 pages)

Information Disclosure Statement with cited references, Search report and Form 1449

Declaration - executed 3 pages

Copy of recorded assignment from parent application

Return postcard



Signature of Person Mailing Application and Fees
Paula M. Theismann